

**ROCKY FLATS PLANT
EM RADIOLOGICAL GUIDELINES**

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3-21000-OPS-EMRG
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1 of 2
05/31/95
Environmental Management

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DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

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4-P12-ER-OPS-EMRG-6.7	Performance Checking and Operation of Ludlum Smear Counting Instruments	0	04/07/95
EMRG 9.1	Respiratory Protection Requirements and Posting	0	12/06/91
EMRG 10.1	Radiological Deficiency Reporting Program	0	12/06/91

Rocky Flats Environmental Technology Site

3-B96-ER-OPS-EMRG-03.02

REVISION 1

RADIOLOGICAL REQUIREMENTS FOR UNRESTRICTED RELEASE

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Data Management and Reporting Services

DOE RFFO/ER Concurrence on file: ☐ Yes ☐ No ☒ N/A

Environmental Protection Agency Approval Required: ☐ Yes ☐ No ☒ N/A

Responsible Organization: Environmental Restoration Program Division

Effective Date: 5/31/95

CONCURRENCE BY THE FOLLOWING DISCIPLINES WILL BE DOCUMENTED IN THE PROCEDURE HISTORY FILE:

Data Management and Reporting
Environmental Operations Management
Radiological Engineering

USE CATEGORY 3

ORC review not required

The following DMRs have been incorporated in this revision:
95-DMR-000328

This procedure supersedes 4-B96-ER-OPS-EMRG-03.02, Revision 0.

Periodic review frequency: 3 years from the effective date

LIST OF EFFECTIVE PAGES

<u>Pages</u>	<u>Effective Date</u>	<u>Change Number</u>
1-6	5/31/95	95-DMR-000328

TOTAL NUMBER OF PAGES: 6

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1. PURPOSE

This procedure establishes the survey, control, and documentation requirements for property and waste to be released from areas controlled due to radiological concerns, Radiologically Uncontrolled Areas, and Radioactive Material Management Areas (RMMAs) at the Rocky Flats Environmental Technology Site (Rocky Flats).

2. SCOPE

This procedure specifies the radiological criteria to be used for

- Conditional Release of Property and Waste at Rocky Flats
- Release for Unrestricted Use of Property and Waste from the Rocky Flats.

This procedure applies to Rocky Flats employees and subcontractors.

This procedure addresses the following topics:

- Compliance with Radiological Operations Instructions (ROI)
- Processing laundry and personnel protective equipment (PPE)

This revision is a total rewrite and revision bars are omitted.

This revision supersedes 4-B96-ER-OPS-EMRG-03.02, Revision 0.

3. OVERVIEW

This procedure sets out specific instructions to be followed by subcontractors performing environmental restoration work at Rocky Flats. To avoid duplication and ensure timely implementation of future changes to Department of Energy (DOE) directives, the subcontractor is directed to follow the instructions in the ROI and to substitute the subcontractor's personnel titles for those contained in the ROI. Instructions are provided for processing laundry and personal protective equipment (PPE). Subcontractors are authorized to use forms for recording data other than those contained in the ROI where the subcontractor can show that the information gathered is the information required by the ROI.

4. PREREQUISITE ACTIONS

Health and Safety Specialist (HSS)

- [1] Observe the appropriate Limitations and Precautions, Prerequisites, and Instructions in 4-S23-ROI-03.02, Radiological Requirements for Unrestricted Release. If questions arise concerning technical instructions and guidelines in the ROI, resolve them with the Environmental Restoration Radiological Engineer (ERRE).
- [3] Brief all personnel on the contents of 4-S23-ROI-03.02. Emphasize that the ROI refers to performers by unique titles and that the following equivalent titles apply.

Radiological Operations (RO) Supervision	=> Environmental Restoration Radiological Engineering (RE)
Radiological Control Technician (RCT)	=> Health and Safety Specialist (HSS)

5. INSTRUCTIONS

5.1 General

HSS

Perform all tasks required by 4-S23-ROI-03.02 in accordance with the instructions contained in 4-S23-ROI-03.02. Where forms are required by the ROI, subcontractors may substitute other forms if all information required by the ROI is captured on the subcontractor's form.

- [1] **WHEN** a situation occurs that is not covered in 4-S23-ROI-03.02,
THEN contact Radiological Engineering for guidance.

Radiological Engineering

- [2] **WHEN** guidance is requested by the subcontractor,
THEN provide appropriate guidance in accordance with professional standards, ROIs, HSPs, DOE standards, and industry standards.

5.2 Laundry and Personnel Protective Equipment

HSS

- [1] Perform surveys of protective clothing and respirators in accordance with 4-I67-ROI-02.01, Personnel Contamination Monitoring.
- [2] Document survey results in accordance with 3-P11-ER-OPS-EMRG-03.01, Performance of Surface Contamination Surveys.
- [3] Document results separately on Radiological Contamination Survey Forms.

Site Safety Officer

- [4] File completed survey forms in a master survey binder kept in each site Health and Safety Office.

HSS

NOTE *Conditional transfer of contaminated items is done in accordance with the ROI.*

- [5] **IF** the protective clothing or respirator is contaminated,
THEN transfer the item conditionally to the laundry in accordance with the ROI,
OR store the item in a laundry bag for transfer to the laundry when full.
- [6] **WHEN** laundry bags are full,
THEN survey the exterior of the laundry bag in accordance with the 4-I67-ROI-02.01.
- [5] **IF** the protective bag meets the requirements of 4-I67-ROI-02.01,
THEN transfer the bag conditionally to the laundry in accordance with the ROI.
- [6] Label and handle used disposable PPE in accordance with the ROI.

6. **RECORDS**

Management of all records is consistent with 1-77000-RM-001, Records Management Guidance for Records Sources.

Environmental Restoration Program Division Records Source

- [1] Ensure that the original and one copy, as required, of the following quality assurance records are transmitted to the Environmental Restoration Program Division Project File Center in accordance with 2-G18-ER-ADM-17.01, Records Capture and Transmittal:
- Material Transfer and Disposal Form (RF-47555)
 - Property Release Log

Submission of record copies to the Environmental Restoration Program Division Project File Center is in accordance with Administrative Record Requirements, as defined in 2-S65-ER-ADM-17.02, Administrative Record Document Identification and Transmittal.

There are no non-QA records generated by this procedure.

7. **REFERENCES**

- 1-77000-RM-001, Records Management Guidance for Records Sources
2-G18-ER-ADM-17.01, Records Capture and Transmittal
2-S65-ER-ADM-17.02, Administrative Records Screening and Processing
3-P11-ER-OPS-EMRG-03.01, Performance of Surface Contamination Studies
4-S23-ROI-03.02, Radiological Requirements For Unrestricted Release
4-I67-ROI-02.01, Personnel Contamination Monitoring